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RESERVE



FEDERAL MILK ORDER MARKET STATISTICS FOR MARCH 1980

HIGHLIGHTS

- Minimum Class I Price, \$13.48; Blend, \$12.52
- Producer Deliveries Up 5.2 Percent
- Producer Milk Used in Class I - Down 3.1 Percent
- 49 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted) - Down 1.1 Percent

SPECIAL THIS ISSUE

Adjusting In-Area Fluid Milk Sales for Calendar Composition

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
DAIRY DIVISION
WASHINGTON, D.C.

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ERRATA:

FMOS 241, January 1980 Summary, Table 7: Sales of whole milk items for New York-New Jersey for 1979 should have been reported as 2,562 million pounds with a butterfat content of 3.40 percent. Sales of skim milk items should have been reported as 621 million pounds with a butterfat content of 1.30 percent.

FEDERAL MILK ORDER MARKET STATISTICS

SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of markets	Average number of producers	Producer deliveries		Average daily deliveries per producer	Producer deliveries used in Class I		Percent utilization	Prices per hundredweight	
			Total	Percent change 1/		Total	Percent change 1/		Class I	Blend
			Bil. lbs.		Pounds	Bil. lbs.		Percent	-Dollars-	
1975	56	123,855	69.2	2.2	1,532	40.1	2.1	58	9.36	8.64
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70	9.75
1977	47	122,755	77.9	4.8	1,740	41.1	.6	53	10.60	9.70
1978	47	119,398	78.1	.2	1,792	41.1	0	53	11.40	10.56
1979	47	116,453	79.4	1.7	1,869	41.0	-.3	52	12.88	11.97

Year and month	Number of comp. producers	Number of producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization		Prices per hundredweight				
			Total	Percent : change 1/:	Total	Percent : change 1/:	Total	Percent : change 1/:	1980	1979	1980	1979	Class I	Blend	
			Bil. lbs.		Mil. lbs.	Pounds		Bil. lbs.	Percent	-----Dollars-----					
1980															
Jan.	47	116,781	6.8	4.6	220.1	1,885		3.6	- 1.9	53	57	13.38	12.53	12.49	11.72
Feb. 3/	47	116,285	6.5	5.4	225.5	1,939		3.4	0	52	55	13.45	12.70	12.50	11.78
Mar.	47	116,635	7.2	5.2	232.8	1,996		3.5	- 3.1	49	53	13.48	12.65	12.52	11.68
Apr.															
May															
June															
July															
Aug.															
Sept.															
Oct.															
Nov.															
Dec.															
Year to date 4/	47	116,567	20.6	5.1	226.1	1,940		10.5	- 1.7	51	55	13.43	12.63	12.50	11.72

1/ Represents changes over previous year. Percentages computed from unrounded numbers. Data for 1976 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1979-80, and which have had no significant marketing area changes.

3/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.

4/ Average or total. May not add due to rounding.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Dispo- sition	Percent	Change 6/	Dispo- sition	Percent	Change 6/	Dispo- sition	Percent	Change 6/	Dispo- sition	Percent	Change 6/	Dispo- sition	Percent	Change 6/
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1976	50	27,837	- 1.0	3.35	13,015	9.1	1.46	399	5.2	11.0	448	5.3	21.5	42,128	2.2	3.03
1977	47	26,984	- 2.8	3.34	13,978	7.7	1.47	404	1.5	11.0	448	.3	21.4	42,320	.7	2.98
1978	47	26,331	- 2.4	3.33	14,613	4.5	1.47	401	7/ - .8	10.8	447	7/ - .3	21.3	42,287	- .1	2.94
1979	47	25,638	- 2.6	3.32	15,274	4.5	1.48	405	1.0	10.8	456	1.9	20.9	42,249	- .1	2.91
1980 8/																
Jan.	46	1,872	- 5.2	3.31	1,331	3.5	1.51	27	.8	10.8	25	5.7	20.3	3,271	- 1.6	2.76
Feb. 9/	46	1,758	- 2.8	3.31	1,262	6.0	1.51	26	1.8	10.8	26	5.2	20.3	3,088	.7	2.77
Mar.																
Apr.																
May																
June																
July																
Aug.																
Sept.																
Oct.																
Nov.																
Dec.																
Year to date		3,630	- 4.1	3.31	2,593	4.6	1.51	53	1.4	10.8	50	5.6	20.3	6,359	- .5	2.77

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Represents changes over the previous year. Data for 1976 adjusted to a 365-day basis before computing percent changes.

7/ In 1978, there were changes in the reporting of the sales of these items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except for New York-New Jersey.

9/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num-ber of mks.	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total 2/		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
		3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.	3/	Bf.
		Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.			Mil. Tbs.		
1976	50	1,043	11.4	40.2	14,961	26.8	3.75	2,874	2.7	12.0	4,187	5.9	1.16	6,480	9.4	.08	35,684	13.1	4.36
1977	47	1,248	15.6	38.9	16,634	11.7	3.77	2,932	1.3	11.9	4,083	- 7.1	1.10	7,523	15.9	.09	38,710	8.1	4.34
1978	47	1,198	- 6.0	38.0	18,035	8.9	3.78	2,839	- .6	12.2	3,983	- 9.7	1.02	6,553	-12.9	.11	38,721	.8	4.38
1979	47	1,156	- 1.9	38.7	20,166	10.4	3.74	2,745	.2	12.6	3,899	10.2	1.15	6,127	- 6.5	.12	40,404	4.3	4.38
1980 4/																			
Jan.	46	111	6.3	41.5	1,547	12.4	3.83	167	2.5	13.7	263	9.5	1.17	457	29.4	.10	2,940	7.2	4.84
Feb. 5/	46	108	12.8	41.6	1,529	11.7	3.83	170	.7	13.5	262	27.7	1.20	496	33.0	.09	2,938	8.8	4.75
Mar.																			
Apr.																			
May																			
June																			
July																			
Aug.																			
Sept.																			
Oct.																			
Nov.																			
Dec.																			
Year to date	---	220	9.4	41.5	3,076	12.1	3.83	337	1.7	13.6	525	18.0	1.18	953	31.4	.09	5,878	8.0	4.79

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e., evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous years. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1976 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey.

5/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mfts.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items				
		Sales	Percent		Bf.	Sales	Percent		Bf.	Sales	Percent		Bf.	
			Change 4/	Adj. 5/			Change 4/	Adj. 5/			Change 4/	Adj. 5/		
			Total				Total				Total			
		Mil. lbs.				Mil. lbs.				Mil. lbs.				
1976 6/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	7.0	1.50	33,324	33,195	0.3	0.2	2.69
1977 7/	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	34,805	.1	.2	2.66
1978 7/	46	21,545	- 2.5	- 2.2	3.33	13,380	4.4	4.8	1.50	34,926	35,025	0	.3	2.63
1979 7/	46	20,981	- 2.6	- 2.9	3.32	14,000	4.6	4.3	1.51	34,981	34,960	.2	- .2	2.59
1980 8/	46	1,804	- 5.2	- 5.3	3.31	1,285	3.2	3.1	1.52	3,088	2,889	- 1.9	- 2.0	2.57
Jan. 9/	46	1,690	- 3.0	- 3.9	3.31	1,214	5.2	4.0	1.51	2,904	2,918	.3	- .6	2.56
Feb. 9/	46	1,735	- 7.8	- 4.2	3.31	1,258	.2	4.4	1.51	2,993	2,887	- 4.6	- .8	2.55
Mar. Apr.														
May														
June														
July														
Aug.														
Sept.														
Oct.														
Nov.														
Dec.														
Year to date	---	5,228	- 5.4	- 4.5	3.31	3,757	2.8	3.8	1.51	8,986	8,694	- 2.1	- 1.2	2.56

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1976 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in this issue, page 37.

6/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey market. Data for current month are estimated.

9/ Percentage changes from February 1979 to February 1980 have been adjusted for the different number of days in the two months.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1980

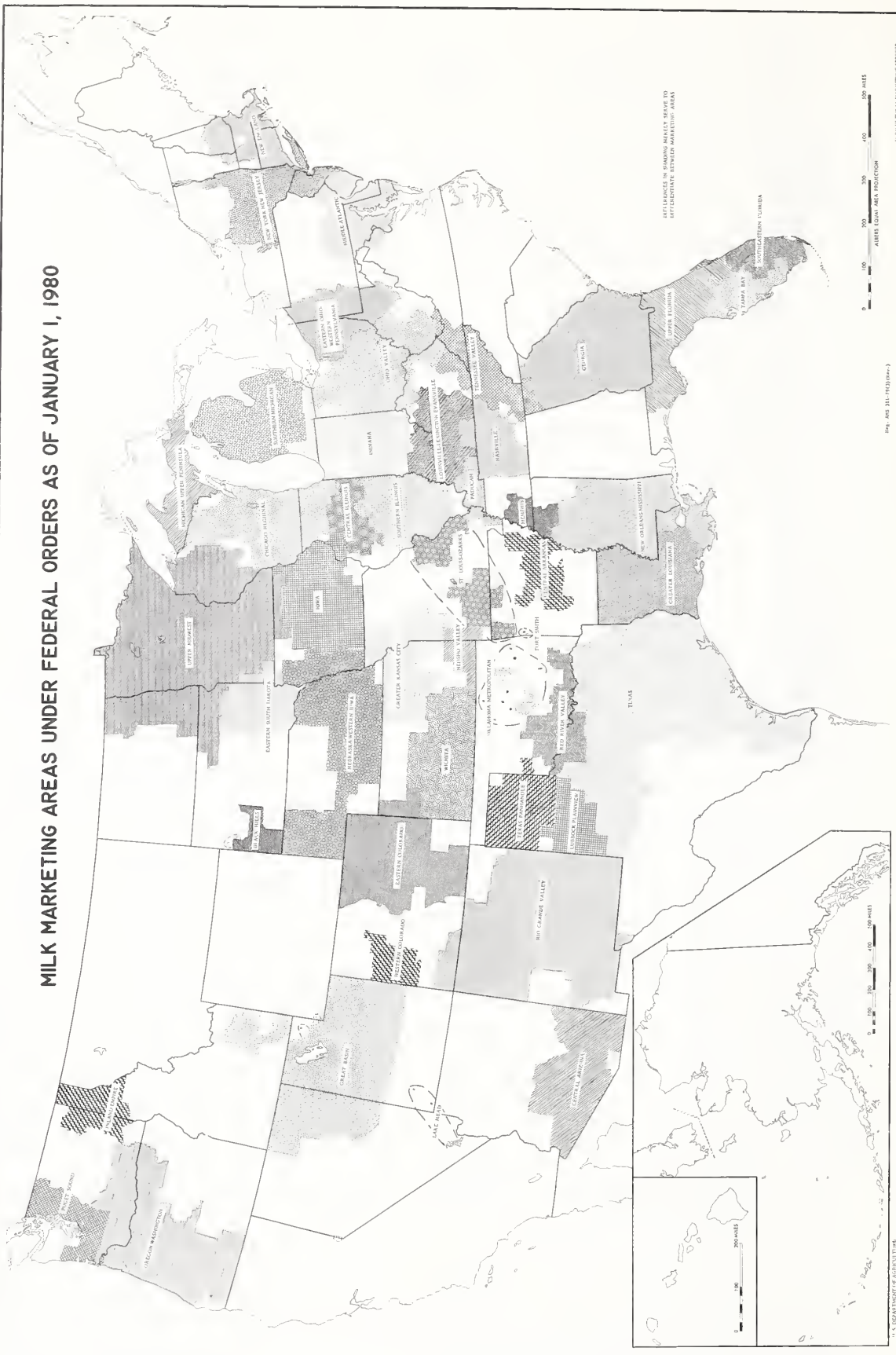


TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, APRIL 1980, AND MINIMUM FEDERAL ORDER CLASS I PRICES, APRIL AND MAY 1980 AND 1979 ^{1/}

Federal milk order marketing area	Fluid diff. 2/	Class I price			Federal milk order marketing area	Fluid diff. 2/	Class I price		
		April	May				April	May	
		1980	1979				1980	1979	
		Dollars					Dollars		
NORTH ATLANTIC									
New England	2.92	14.27	13.44	14.51	13.51		13.45	12.62	13.69
New York-New Jersey	2.61	13.96	13.13	14.20	13.20		13.20	12.37	13.44
Middle Atlantic	2.78	14.13	13.30	14.37	13.37		13.05	12.22	13.29
							13.29	12.46	13.53
SOUTH ATLANTIC									
Georgia	2.30	13.65	12.82	13.89	12.89				
Upper Florida	2.85	14.20	13.37	14.44	13.44		13.29	12.46	13.53
Tampa Bay	2.95	14.30	13.47	14.54	13.54		13.30	12.47	13.54
Southeastern Florida	3.15	14.50	13.67	14.74	13.74		13.33	12.50	13.57
							13.55	12.72	13.79
EAST NORTH CENTRAL							13.60	12.77	13.84
Michigan Upper Pen.	1.35	12.70	11.87	12.94	11.94		13.77	12.94	14.01
Southern Michigan	1.60	12.95	12.12	13.19	12.19		13.67	12.84	13.91
East, Ohio-West. Pa.	1.85	13.20	12.37	13.44	12.44		13.82	12.99	14.06
Ohio Valley	1.70	13.05	12.22	13.29	12.29		14.20	13.37	14.44
Indiana	1.53	12.88	11.99	13.12	12.06				
Chicago Regional	1.26	12.61	11.78	12.85	11.85				
Central Illinois	1.39	12.74	11.91	12.98	11.98				
Southern Illinois	3/ 1.53	12.88	12.05	13.12	12.12				
Louis.-Lex.-Evans.	1.70	13.05	12.22	13.29	12.29				
WEST NORTH CENTRAL									
Upper Midwest	1.12	12.47	11.64	12.71	11.71		13.65	12.82	13.89
Eastern South Dakota	1.40	12.75	11.92	12.99	11.99		13.35	12.52	13.59
Black Hills	1.95	13.30	12.47	13.54	12.54		13.25	12.42	13.49
Iowa	1.40	12.75	11.92	12.99	11.99		12.95	12.12	13.19
Nebraska-Western Iowa	1.60	12.95	12.12	13.19	12.19		13.87	13.04	14.11
Greater Kansas City	1.74	13.09	12.26	13.33	12.33		13.70	12.87	13.94
St. Louis-Ozarks	1.60	12.95	12.12	13.19	12.19				
Neosho Valley	4/ 1.65	13.00	12.17	13.24	12.24				
Wichita	1.80	13.15	12.32	13.39	12.39				

^{1/} Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on page 24 for these locations.

^{2/} The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See Table 17.

^{3/} Tied to the St. Louis-Ozarks order.

^{4/} Tied to the Oklahoma Metropolitan order.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, MARCH, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT										DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT					
	CLASS I		BLEND		CLASS II		CLASS III		CLASS I		CLASS II		CLASS III		PRO-DUCER	
	MAR	1979	MAR	1980	MAR	1979	MAR	1980	MAR	1979	MAR	1980	MAR	1979	MAR	1980
	-----DOLLARS-----															
-----CENTS-----																
NORTH ATLANTIC																
NEW ENGLAND 2/	14.29	13.47	13.02	12.26			11.54								15.0	
NEW YORK-NEW JERSEY 3/	13.98	13.16	12.44	11.48			11.62								15.0	
MIDDLE ATLANTIC 4/	14.15	13.33	5/ 12.85	5/ 12.09			11.56								15.0	
REGIONAL AVERAGE	14.11	13.30	12.69	11.83											15.0	
SOUTH ATLANTIC																
GEORGIA 6/	13.67	12.85	13.09	12.28			11.69		11.59						15.0	
UPPER FLORIDA 7/	14.22	13.40	13.89	13.25			11.74								15.0	
TAMPA BAY	14.32	13.50	13.99	13.31			11.74								15.0	
SOUTHEASTERN FLORIDA 8/	14.52	13.70	14.32	13.50			11.74		9/ 5.84						15.0	
REGIONAL AVERAGE	14.12	13.29	13.68	12.91											15.0	
EAST NORTH CENTRAL																
MICHIGAN UPPER PENINSULA 10/ 11/	12.72	11.90	12.46	11.28			11.59		16.3	15.0					15.8	
SOUTHERN MICHIGAN 12/	12.97	12.15	12.36	11.51			11.74								14.7	
EAST. OHIO-WEST. PENNSYLVANIA 13/	13.22	12.40	14/ 12.49	14/ 11.70			11.69								15.0	
OHIO VALLEY 15/	13.07	12.25	12.55	11.71			11.69								15.0	
INDIANA 16/	12.90	12.02	14/ 12.49	14/ 11.65			11.69								15.0	
CHICAGO REGIONAL 17/	12.63	11.81	12.05	11.13			11.69								15.0	
CENTRAL ILLINOIS 18/	12.76	11.94	12.39	11.32			11.69								15.0	
SOUTHERN ILLINOIS 19/	12.90	12.08	12.50	11.45			11.69								15.0	
LOUISVILLE-LEXINGTON-EVANSVILLE	13.07	12.25	12.44	11.66			11.69								15.0	
REGIONAL AVERAGE	12.93	12.11	12.28	11.41											14.9	
WEST NORTH CENTRAL																
UPPER MIDWEST 20/	12.49	11.67	11.81	10.86			11.69		11.59						15.0	
EASTERN SOUTH DAKOTA 21/	12.77	11.95	12.20	11.31			11.69		11.59						15.0	
BLACK HILLS 22/	13.32	12.50	12.60	11.99			11.59		15.6	14.3					14.9	
IOWA 23/	12.77	11.95	12.13	11.28			11.69								15.0	
NEBRASKA-WESTERN IOWA 24/	12.97	12.15	25/ 12.18	14/ 11.41			11.69								15.0	
GREATER KANSAS CITY 26/	13.11	12.29	25/ 12.38	14/ 11.64			11.69								15.0	
ST. LOUIS-OZARKS 27/	12.97	12.15	25/ 12.34	14/ 11.47			11.69								15.0	
NEUSHO VALLEY 28/	13.02	12.20	12.59	11.53			11.69		11.59						15.0	
WICHITA 29/	13.17	12.35	12.39	14/ 11.81			11.69		11.59						15.0	
REGIONAL AVERAGE	12.81	11.99	12.01	11.11											15.0	

CONTINUED

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, MARCH, WITH COMPARISONS 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT										DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT				
	CLASS I		BLEND		CLASS		CLASS		CLASS		CLASS : CLASS : CLASS :				
	MAR :		MAR :		MAR :		MAR :		MAR :		I : II : III :				
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	I	II	III	1980	DUCKER
-----DOLLARS-----															
-----CENTS-----															
EAST SOUTH CENTRAL															
TENNESSEE VALLEY 30/	13.47	12.65	12.97	12.23	11.69	11.59									15.0
NASHVILLE	13.22	12.40	12.49	11.70	11.69	11.59									15.0
PAUOCH	13.07	12.25	12.94	12.05	11.69	11.59									15.0
MEMPHIS	13.31	12.49	13.07	12.25	11.69	11.59									15.0
REGIONAL AVERAGE	13.38	12.55	12.86	12.09											15.0
WEST SOUTH CENTRAL															
CENTRAL ARKANSAS 31/	13.31	12.49	13.10	14/ 12.26	11.69	11.59									15.0
OKLAHOMA METROPOLITAN 32/	13.35	12.53	12.73	14/ 11.93	11.69	11.59									15.0
RED RIVER VALLEY 33/	13.57	12.75	13.16	14/ 12.22	11.69	11.59									15.0
TEXAS PANHANDLE 34/	13.62	12.80	13.36	14/ 12.45	11.69	11.59									15.0
LUBBOCK-PLAINVIEW	13.79	12.97	13.52	14/ 12.61	11.69	11.59									15.0
TEXAS 35/	13.69	12.87	13.14	14/ 12.45	11.69	11.59									15.0
GREATER LOUISIANA 36/	13.84	13.02	13.43	12.59	11.69	11.59									15.0
NEW ORLEANS-MISSISSIPPI 37/	14.22	13.40	13.39	12.61	11.69	11.59									15.0
REGIONAL AVERAGE	13.73	12.91	13.16	12.42											15.0
MOUNTAIN															
EASTERN COLORADO 38/	13.67	12.85	13.05	12.25	11.74	11.59									16.3
WESTERN COLORADO 39/	13.37	12.55	13.20	12.33	11.64	11.59									15.6
GREAT BASIN 40/	13.27	12.45	12.63	11.91	11.74	11.59									15.0
LAKE MEAD 41/	12.97	12.15	12.73	11.85	11.64	11.59									15.4
CENTRAL ARIZONA 42/	13.89	13.07	12.98	12.31	11.69	11.59									15.0
RIO GRANDE VALLEY 43/	13.72	12.90	12.88	14/ 12.09	11.69	11.59									15.0
REGIONAL AVERAGE	13.61	12.80	12.90	12.15											15.4
PACIFIC															
PUGET SOUND 44/	13.22	12.40	12.26	11.39	11.84	11.59									15.0
INLAND EMPIRE 45/	13.32	12.50	12.46	11.60	11.84	11.59									15.3
OREGON-WASHINGTON 46/	13.32	12.50	12.50	11.70	11.84	11.59									15.2
REGIONAL AVERAGE	13.28	12.46	12.38	11.53											15.1
46-MARKET AVERAGE 47/ 48/	13.48	12.65	12.52	11.68	49/ 11.69										15.0
ALL-MARKET AVERAGE	13.48	12.65	12.52	11.68	49/ 11.69										15.0

See footnotes on page 24.

TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, 8Y MARKETING AREA, JANUARY-MARCH, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT			BLEND PRICE PER HUNDREDWEIGHT			CHANGE	
	1980	1979	CHANGE 1980 OVER 1979	1980	1979	CHANGE 1980 OVER 1979		
							DOLLARS	
NORTH ATLANTIC								
NEW ENGLAND								
NEW YORK-NEW JERSEY	14.25	13.45	.80	13.14	12.39	.75		
MIDDLE ATLANTIC	13.94	13.14	.80	12.55	11.74	.81		
REGIONAL AVERAGE	14.11	13.31	.80	12.84	12.08	.76		
	14.07	13.27	.80	12.77	11.99	.78		
SOUTH ATLANTIC								
GEORGIA	13.62	12.83	.79	13.07	12.31	.76		
UPPER FLORIDA	14.18	13.38	.80	13.92	13.26	.66		
TAMPA BAY	14.28	13.48	.80	14.02	13.29	.73		
SOUTHEASTERN FLORIDA	14.48	13.68	.80	14.31	13.49	.82		
REGIONAL AVERAGE	14.07	13.26	.81	13.67	12.90	.77		
EAST NORTH CENTRAL								
MICHIGAN UPPER PENINSULA	12.68	11.88	.80	12.31	11.33	.98		
SOUTHERN MICHIGAN	12.93	12.13	.80	12.30	11.52	.78		
EAST. OHIO-WEST. PENNSYLVANIA	13.18	12.38	.80	12.47	11.71	.76		
OHIO VALLEY	13.03	12.23	.80	12.48	11.70	.78		
INDIANA	12.86	12.00	.86	12.45	11.63	.82		
CHICAGO REGIONAL	12.59	11.79	.80	11.94	11.11	.83		
CENTRAL ILLINOIS	12.72	11.92	.80	12.36	11.42	.94		
SOUTHERN ILLINOIS	12.86	12.06	.80	12.44	11.55	.89		
LOUISVILLE-LEXINGTON-EVANSVILLE	13.03	12.23	.80	12.42	11.66	.76		
REGIONAL AVERAGE	12.89	12.08	.81	12.21	11.41	.80		
WEST NORTH CENTRAL								
UPPER MIOWEST	12.44	11.64	.80	11.69	10.84	.85		
EASTERN SOUTH OAKOTA	12.73	11.93	.80	12.14	11.30	.84		
BLACK HILLS	13.27	12.48	.79	12.61	11.95	.66		
IOWA	12.73	11.93	.80	12.05	11.26	.79		
NEBRASKA-WESTERN IOWA	12.93	12.13	.80	12.11	11.39	.72		
GREATER KANSAS CITY	13.07	12.27	.80	12.34	11.63	.71		
ST. LOUIS-OZARKS	12.93	12.13	.80	12.30	11.54	.76		
NEOSHO VALLEY	12.98	12.18	.80	12.57	11.56	1.01		
MICHITA	13.12	12.33	.79	12.38	11.83	.55		
REGIONAL AVERAGE	12.77	11.96	.81	11.92	11.11	.81		

CONTINUED

TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-MARCH, WITH COMPARISONS 1/--CON.

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT		BLEND PRICE PER HUNDREDWEIGHT		CHANGE 1980 OVER 1979	CHANGE 1980 OVER 1979
	1980	1979	1980	1979		
DOLLARS						
EAST SOUTH CENTRAL						
TENNESSEE VALLEY	13.43	12.63	.80	12.96	12.23	.73
NASHVILLE	13.18	12.38	.80	12.48	11.71	.77
PADUCAH	13.02	12.23	.79	12.87	12.02	.85
MEMPHIS	13.27	12.47	.80	13.00	12.22	.78
REGIONAL AVERAGE	13.33	12.52	.81	12.84	12.08	.76
WEST SOUTH CENTRAL						
CENTRAL ARKANSAS--FT. SMITH	13.27	12.47	.80	13.09	12.27	.82
OKLAHOMA METROPOLITAN	13.31	12.51	.80	12.77	12.02	.75
RED RIVER VALLEY	13.53	12.73	.80	13.18	12.10	1.08
TEXAS PANHANDLE	13.58	12.77	.81	13.34	12.42	.92
LUBBOCK-PLAINVIEW	13.74	12.95	.79	13.57	12.66	.91
TEXAS	13.65	12.85	.80	13.19	12.46	.73
GREATER LOUISIANA	13.80	13.00	.80	13.51	12.62	.89
NEW ORLEANS-MISSISSIPPI	14.18	13.38	.80	13.35	12.73	.62
REGIONAL AVERAGE	13.68	12.88	.80	13.20	12.46	.74
MOUNTAIN						
EASTERN COLORADO	13.63	12.83	.80	13.06	12.22	.84
WESTERN COLORADO	13.33	12.53	.80	13.26	12.32	.94
GREAT BASIN	13.23	12.43	.80	12.57	11.87	.70
LAKE MEAD	12.93	12.13	.80	12.60	11.84	.76
CENTRAL ARIZONA	13.85	13.05	.80	13.00	12.38	.62
RIO GRANDE VALLEY	13.68	12.88	.80	12.93	12.18	.75
REGIONAL AVERAGE	13.57	12.77	.80	12.90	12.17	.73
PACIFIC						
PUGET SOUND	13.18	12.38	.80	12.20	11.35	.85
INLAND EMPIRE	13.28	12.48	.80	12.41	11.58	.83
OREGON-WASHINGTON	13.28	12.48	.80	12.46	11.68	.78
REGIONAL AVERAGE	13.23	12.43	.80	12.33	11.51	.82
46-MARKET AVERAGE 2/ 3/	13.43	12.63	.80	12.50	11.72	.78
ALL-MARKET AVERAGE	13.43	12.63	.80	12.50	11.72	.78

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on page 24 for location at which price is reported. All averages are weighted.

2/ Based on markets where orders were effective entire period, 1979-80, and which had no significant marketing area changes.

3/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, MARCH

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT : OF PRODUCER : DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	:			:			:			:		
	MAR : 1980	CHANGE : FROM MAR : 1979	MAR : 1980	MAR : 1979	CHANGE : FROM MAR : 1979	MAR : 1980	MAR : 1979	CHANGE : FROM MAR : 1979	MAR : 1980	MAR : 1979	CHANGE : FROM MAR : 1979	MAR : 1980
						1,000 LBS.	PERCENT	PERCENT				POUNDS
NORTH ATLANTIC												
NEW ENGLAND	7,392	159-	452,904	438,981	3.2		3.70	3.69	1,976			1,875
NEW YORK-NEW JERSEY	17,726	68	921,626	884,241	4.2		3.68	3.68	1,677			1,615
MIDDLE ATLANTIC	7,160	86-	474,741	463,477	2.4		3.74	3.81	2,139			2,063
REGIONAL AVERAGE OR TOTAL	32,278	177-	1,849,271	1,786,699	3.5		3.70	3.72				
SOUTH ATLANTIC												
GEORGIA	1,179	213-	132,069	143,501	8.0-		3.73	3.68	3,613			3,325
UPPER FLORIDA	208	7	70,215	67,256	4.4		3.37	3.40	10,134			12,083
TAMPA BAY	153	31	57,192	53,150	7.6		3.42	3.42	12,169			12,479
SOUTHEASTERN FLORIDA	67	48-	71,753	77,008	6.8-		3.32	3.47	33,405			21,308
REGIONAL AVERAGE OR TOTAL	1,607	223-	331,229	340,915	2.8-		3.51	3.53				
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	133	53-	4,793	7,308	34.4-		3.77	3.71	1,162			1,267
SOUTHERN MICHIGAN	6,374	16	370,574	349,991	5.9		3.79	3.77	1,875			1,776
EAST. OHIO-WEST. PENNSYLVANIA	6,436	210-	293,184	289,356	1.3		3.76	3.75	1,469			1,404
OHIO VALLEY	5,440	359-	251,874	256,377	1.8-		3.80	3.79	1,494			1,426
INDIANA	2,931	107-	153,190	152,468	.5		3.84	3.84	1,686			1,622
CHICAGO REGIONAL	17,367	580	983,336	899,082	9.4		3.78	3.78	1,826			1,728
CENTRAL ILLINOIS	343	189-	15,977	25,062	36.3-		3.86	3.80	1,503			1,520
SOUTHERN ILLINOIS	1,551	145-	80,749	83,547	3.3-		3.79	3.79	1,679			1,589
LOUISVILLE-LEXINGTON-EVANSVILLE	2,115	3-	101,096	98,330	2.8		3.81	3.82	1,542			1,498
REGIONAL AVERAGE OR TOTAL	42,690	470-	2,254,773	2,161,521	4.3		3.79	3.78				
WEST NORTH CENTRAL												
UPPER MIDWEST	14,130	369	741,971	706,097	5.1		3.75	3.72	1,694			1,655
EASTERN SOUTH DAKOTA	456	6-	25,565	24,543	4.2		3.74	3.73	1,796			1,722
BLACK HILLS	91		6,914	6,031	14.6		3.87	3.77	2,451			2,227
IOWA	3,515	279	184,875	160,500	15.2		3.78	3.81	1,709			1,613
NEBRASKA-WESTERN IOWA	1,620	18	97,048	88,998	9.0		3.82	3.82	2,002			1,831
GREATER KANSAS CITY	1,317	48-	74,273	69,690	6.6		3.75	3.78	1,880			1,698
ST. LOUIS-OZARKS	3,137	52	176,608	161,236	9.5		3.79	3.75	1,816			1,686
NEOSHO VALLEY	31		582	1,086	46.4-		3.70	3.84	2,034			1,827
WICHITA	525	78	33,763	24,881	35.7		3.75	3.75	2,070			2,070
REGIONAL AVERAGE OR TOTAL	24,822	742	1,341,599	1,243,062	7.9		3.76	3.75				

CONTINUED

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, MARCH--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT : OF PRODUCER : DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	:			:			:			:		
	MAR 1980	FROM MAR 1979	CHANGE	MAR 1980	FROM MAR 1979	CHANGE	MAR 1980	FROM MAR 1979	CHANGE	MAR 1980	FROM MAR 1979	CHANGE
				1,000 LBS.			PERCENT			POUNDS		
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	1,830	155		114,417	94,136	21.5	3.82	3.81		2,017	1,813	
NASHVILLE	895	58		51,839	45,187	14.7	3.79	3.75		1,868	1,742	
PADUCAH	140	43-		6,620	9,473	30.1-	3.76	3.80		1,525	1,670	
MEMPHIS	497	16-		26,905	27,036	5-	3.79	3.68		2,334	2,275	
REGIONAL AVERAGE OR TOTAL	3,362	154		199,781	175,832	13.6	3.81	3.77				
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 1/	736	8		33,266	32,598	2.0	3.59	3.55		2,000	2,020	
OKLAHOMA METROPOLITAN	1,280	77-		81,018	69,012	17.4	3.68	3.63		2,261	2,164	
RED RIVER VALLEY	127	29-		3,946	7,583	48.0-	3.65	3.64		2,402	1,992	
TEXAS PANHANDLE	104	55-		8,276	6,599	25.4	3.57	3.59		4,004	2,538	
LUBBOCK--PLAINVIEW	34	37-		6,120	6,602	7.3-	3.65	3.58		6,232	5,385	
TEXAS	2,810	4		313,657	291,363	7.7	3.57	3.59		3,601	3,350	
GREATER LOUISIANA	598	171-		54,591	54,472	.2	3.61	3.60		2,945	2,285	
NEW ORLEANS--MISSISSIPPI	1,724	138		117,037	102,376	14.3	3.59	3.59		2,190	2,082	
REGIONAL AVERAGE OR TOTAL	7,413	219-		617,911	570,605	8.3	3.59	3.59				
MOUNTAIN												
EASTERN COLORADO	949	50-		78,089	78,207	.2-	3.68	3.62		2,654	2,525	
WESTERN COLORADO	66	7-		6,802	6,624	2.7	3.71	3.65		3,325	2,927	
GREAT BASIN	694	2-		65,868	57,680	14.2	3.56	3.56		3,052	2,673	
LAKE MEAD	53	9		12,018	11,227	7.0	3.42	3.36		7,315	8,231	
CENTRAL ARIZONA	158	4		85,700	76,613	11.9	3.67	3.55		19,607	17,159	
RIO GRANDE VALLEY	115	57-		49,492	46,041	7.5	3.55	3.50		14,125	11,618	
REGIONAL AVERAGE OR TOTAL	2,035	103-		297,969	276,392	7.8	3.62	3.56				
PACIFIC												
PUGET SOUND	1,184	6-		163,517	153,464	6.6	3.65	3.68		4,455	4,160	
INLAND EMPIRE	288	12		31,207	23,960	30.2	3.66	3.61		3,495	2,800	
OREGON--WASHINGTON	956	19-		129,507	125,015	3.6	3.81	3.74		4,370	4,136	
REGIONAL AVERAGE OR TOTAL	2,428	13-		324,231	302,439	7.2	3.71	3.70				
47-MARKET AVERAGE 2/	116,635	309-		7,216,764	6,857,465	5.2	3.72	3.72		1,996	1,892	
ALL-MARKET AVERAGE OR TOTAL	116,635	309-		7,216,764	6,857,465	5.2	3.72	3.72		1,996	1,892	

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

2/ Based on markets where orders were effective entire period, 1979-80, and which had no significant marketing area changes.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, MARCH, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I				GROSS CLASS I USE			
	MAR 1980		MAR 1979		CHANGE		UTILIZATION		MAR 1980		CHANGE	
	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	FROM	MAR 1979	MAR 1980	MAR 1979	1,000 POUNDS	PERCENT	FROM	MAR 1979
NORTH ATLANTIC												
NEW ENGLAND	248,255		266,996	7.0-			54.8	60.8	248,300		7.7-	
NEW YORK-NEW JERSEY	399,152		370,827	7.6			43.3	41.9	399,152		7.6	
MIDDLE ATLANTIC	245,133		265,162	7.6-			51.6	57.2	261,572		6.5-	
REGIONAL AVERAGE OR TOTAL	892,540		902,985	1.2-			48.3	50.5				
SOUTH ATLANTIC												
GEORGIA	94,552		106,249	11.0-			71.6	74.0	95,189		11.6-	
UPPER FLORIDA	60,870		63,506	4.2-			86.7	94.4	65,203		5.5-	
TAMPA BAY	51,002		48,944	4.2			89.2	92.1	56,469		1.8	
SOUTHEASTERN FLORIDA	66,660		71,532	6.8-			92.9	92.9	74,178		3.0-	
REGIONAL AVERAGE OR TOTAL	273,084		290,231	5.9-			82.4	85.1				
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	3,490		3,989	12.5-			72.8	54.6	4,419		7.1-	
SOUTHERN MICHIGAN	195,505		199,094	1.8-			52.8	56.9	195,801		3.8-	
EAST, OHIO-WEST. PENNSYLVANIA	173,059		185,323	6.6-			59.0	64.0	173,098		6.6-	
JHU VALLEY	155,905		167,613	7.0-			61.9	65.4	164,587		8.6-	
INDIANA	107,169		114,320	6.3-			70.0	75.0	109,438		5.4-	
CHICAGO REGIONAL	256,298		269,983	5.1-			26.1	30.0	257,031		4.9-	
CENTRAL ILLINOIS	10,436		15,145	31.1-			65.3	60.4	10,573		31.6-	
SOUTHERN ILLINOIS	48,323		51,116	5.5-			59.8	61.2	49,277		8.5-	
LOUISVILLE-LEXINGTON-EVANSVILLE	58,037		62,862	7.7-			57.4	63.9	58,462		7.4-	
REGIONAL AVERAGE OR TOTAL	1,008,222		1,069,445	5.7-			44.7	49.5				
WEST NORTH CENTRAL												
UPPER MIDWEST	128,470		136,163	5.6-			17.3	19.3	128,746		5.9-	
EASTERN SOUTH DAKOTA	11,796		11,751	.4			46.1	47.9	11,817		.2	
BLACK HILLS	4,134		4,389	5.8-			59.8	72.8	4,143		7.5-	
IOWA	63,928		66,716	4.2-			34.6	41.6	64,042		4.3-	
NEBRASKA-WESTERN IOWA	45,267		48,060	5.8-			46.6	54.0	46,040		5.3-	
GREATER KANSAS CITY	39,957		42,518	6.0-			53.8	61.0	40,038		6.7-	
ST. LOUIS-OZARKS	106,145		112,643	5.8-			60.1	69.9	109,231		6.4-	
NEOSHO VALLEY	403		618	34.8-			69.2	56.9	405		36.1-	
KICHITA	16,386		17,501	6.4-			48.5	70.3	16,386		6.4-	
REGIONAL AVERAGE OR TOTAL	416,486		440,359	5.4-			31.0	35.4				

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CONTINUED

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, MARCH, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION				GROSS CLASS I USE			
	MAR 1980		MAR 1979		MAR 1980		MAR 1979		MAR 1980		MAR 1979	
	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	82,373	11.4	73,968	11.4	72.0	78.6	72.0	78.6	84,988	11.8	84,988	11.8
NASHVILLE	27,543	1.1	27,250	1.1	53.1	60.3	53.1	60.3	27,551	1.0	27,551	1.0
PADUCAH	5,963	25.4	7,989	25.4	90.1	84.3	90.1	84.3	5,963	25.6	5,963	25.6
MEMPHIS	22,719	3.8	23,618	3.8	84.4	87.4	84.4	87.4	23,977	6.0	23,977	6.0
REGIONAL AVERAGE OR TOTAL	138,598	4.3	132,825	4.3	69.4	75.5	69.4	75.5				
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 1/	28,432	1.1	28,749	1.1	85.5	88.2	85.5	88.2	29,764	1.5	29,764	1.5
OKLAHOMA METROPOLITAN	50,302	5.0	47,925	5.0	62.1	69.4	62.1	69.4	50,434	2.0	50,434	2.0
RED RIVER VALLEY	3,030	46.5	5,661	46.5	76.8	74.7	76.8	74.7	3,030	46.5	3,030	46.5
TEXAS PANHANDLE	7,229	28.5	5,625	28.5	87.3	85.2	87.3	85.2	7,229	28.5	7,229	28.5
LUBBOCK--PLAINVIEW	5,462	5.4	5,776	5.4	89.2	87.5	89.2	87.5	5,462	5.5	5,462	5.5
TEXAS	230,287	2.2	235,406	2.2	73.4	80.8	73.4	80.8	232,358	2.9	232,358	2.9
GREATER LOUISIANA	44,977	7	45,294	7	82.4	83.2	82.4	83.2	45,050	9	45,050	9
NEW ORLEANS--MISSISSIPPI	73,226	4.9	69,797	4.9	62.6	68.2	62.6	68.2	74,070	4.7	74,070	4.7
REGIONAL AVERAGE OR TOTAL	442,945	3	444,233	3	71.7	77.9	71.7	77.9				
MOUNTAIN												
EASTERN COLORADO	54,352	3.3	56,178	3.3	69.6	71.8	69.6	71.8	58,436	1.7	58,436	1.7
WESTERN COLORADO	6,084	6.8	5,698	6.8	89.4	86.0	89.4	86.0	6,326	5.6	6,326	5.6
GREAT BASIN	40,227	1.2	39,765	1.2	61.1	68.9	61.1	68.9	41,870	2.8	41,870	2.8
LAKE MEAD	9,082	16.2	7,815	16.2	75.6	69.6	75.6	69.6	9,029	13.9	9,029	13.9
CENTRAL ARIZONA	51,219	3.0	52,779	3.0	59.8	68.9	59.8	68.9	51,311	2.8	51,311	2.8
RIO GRANDE VALLEY	29,438	3.1	30,384	3.1	59.5	66.0	59.5	66.0	29,540	3.6	29,540	3.6
REGIONAL AVERAGE OR TOTAL	190,402	1.2	192,619	1.2	63.9	69.7	63.9	69.7				
PACIFIC												
PUGET SOUND	64,098	1.6	65,163	1.6	39.2	42.5	39.2	42.5	67,162	2.7	67,162	2.7
INLAND EMPIRE	14,988	10.2	13,600	10.2	48.0	56.8	48.0	56.8	15,451	8.8	15,451	8.8
OREGON--WASHINGTON	67,508	4.5	70,725	4.5	52.1	56.6	52.1	56.6	71,874	3.9	71,874	3.9
REGIONAL AVERAGE OR TOTAL	146,594	1.9	149,488	1.9	45.2	49.4	45.2	49.4				
47-MARKET AVERAGE OR TOTAL 2/	3,508,871	3.1	3,622,185	3.1	48.6	52.8	48.6	52.8				
ALL-MARKET AVERAGE OR TOTAL	3,508,871	3.1	3,622,185	3.1	48.6	52.8	48.6	52.8				

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

2/ Based on markets where orders were effective entire period, 1979-80, and which had no significant marketing changes.

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, MARCH AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES			CLASS II			PRODUCER DELIVERIES			CLASS II		
	USED IN CLASS II			UTILIZATION			USED IN CLASS II			UTILIZATION		
	MAR.	1979	MAR.	1980	1979	MAR.	1980	1979	MAR.	1980	1979	1979
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
SOUTH ATLANTIC												
GEORGIA	10,553	8,910		8.0	6.2		28,090	23,805		6.9	5.7	
EAST NORTH CENTRAL												
SOUTHERN MICHIGAN	24,380	25,365		6.6	7.2		69,531	70,873		6.5	7.1	
EAST. OHIO-WEST. PENNSYLVANIA	20,734	22,467		7.1	7.8		61,676	59,713		7.4	7.3	
OHIO VALLEY	19,043	18,313		7.6	7.1		54,711	51,952		7.5	7.1	
INDIANA	17,480	16,649		11.4	10.9		48,214	47,679		10.9	11.0	
CHICAGO REGIONAL	88,035	91,881		9.0	10.2		259,653	249,431		9.4	9.9	
CENTRAL ILLINOIS	588	752		3.7	3.0		1,177	2,657		2.6	3.7	
SOUTHERN ILLINOIS	7,246	10,994		9.0	13.2		23,298	27,971		9.9	11.6	
LOUISVILLE-LEXINGTON-EVANSVILLE	10,908	7,751		10.8	7.9		28,508	18,538		9.9	6.7	
WEST NORTH CENTRAL												
UPPER MIDWEST	24,805	22,354		3.3	3.2		69,563	62,040		3.3	3.2	
EASTERN SOUTH DAKOTA	2,681	2,797		10.5	11.4		7,450	8,494		10.4	12.1	
IOWA	9,234	9,466		5.0	5.9		25,150	25,157		4.8	5.5	
NEBRASKA-WESTERN IOWA	10,050	10,217		10.4	11.5		28,140	26,412		10.1	10.2	
GREATER KANSAS CITY	12,649	14,613		17.0	21.0		39,727	35,186		18.4	17.4	
ST. LOUIS-OZARKS	36,727	22,839		20.8	14.2		93,447	61,207		18.5	13.2	
NEOSHO VALLEY	20	9		3.4	.8		46	40		2.7	1.3	
WICHITA	3,718	3,285		11.0	13.2		10,376	8,892		10.9	12.7	
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	7,174	5,896		6.3	6.3		21,258	15,434		6.5	5.8	
NASHVILLE	6,667	2,559		12.9	5.7		19,432	6,354		13.4	5.1	
PADUCAH	511	1,137		7.7	12.0		1,966	3,051		8.8	11.3	
MEMPHIS	2,900	3,058		10.8	11.3		8,314	8,068		10.3	10.7	

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TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, MARCH AND YEAR TO DATE 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES			CLASS II			PRODUCER DELIVERIES			CLASS II		
	USED IN CLASS II			UTILIZATION			USED IN CLASS II			UTILIZATION		
	MAR.	1979	MAR.	1980	1979	MAR.	DATE 1980	DATE 1979	YEAR TO	DATE 1979	1980	YEAR TO DATE
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH ^{2/}	2,043	1,832	6.1	5.6			4,991	4,642	5.2	5.0		
OKLAHOMA METROPOLITAN	9,681	9,608	11.9	13.9			24,054	23,897	10.7	12.8		
RED RIVER VALLEY	715	1,744	18.1	23.0			1,758	6,104	15.8	25.4		
TEXAS PANHANDLE	868	703	10.5	10.7			2,336	2,021	9.7	9.5		
LUBBOCK--PLAINVIEW	188	128	3.1	1.9			458	384	2.4	2.0		
TEXAS	34,654	34,855	11.0	12.0			90,327	85,856	10.2	10.3		
GREATER LOUISIANA	2,450	2,576	4.5	4.7			6,098	7,956	4.0	5.1		
NEW ORLEANS--MISSISSIPPI	9,343	11,678	8.0	11.4			25,476	26,806	8.0	9.9		
MOUNTAIN												
EASTERN COLORADO	8,215	8,564	10.5	11.0			23,258	23,319	10.3	10.5		
CENTRAL ARIZONA	10,772	10,491	12.6	13.7			31,047	29,786	12.8	14.3		
RIO GRANDE VALLEY	8,112	7,149	16.4	15.5			25,211	22,345	18.3	17.7		
PACIFIC												
PUGET SOUND	18,543	18,756	11.3	12.2			52,266	53,401	11.2	12.3		
INLAND EMPIRE	2,657	1,886	8.5	7.9			6,512	4,715	7.4	7.0		
OREGON--WASHINGTON	15,979	15,965	12.3	12.8			43,379	45,396	11.6	12.9		

^{1/} Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Also excludes Lake Mead and Great Basin for which the data were restricted.

^{2/} The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-MARCH, WITH COMPARISONS 1/

	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	:			:			:		
	1980	1979	CHANGE	1980	1979	CHANGE	1980	1979	FROM
			1979			1979			1979
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT	
FEDERAL MILK ORDER MARKETING AREA									
NORTH ATLANTIC									
NEW ENGLAND	1,295,600	1,246,107	2.8	740,936	757,782	3.3-	57.2	60.8	
NEW YORK-NEW JERSEY	2,603,607	2,480,296	3.8	1,180,150	1,169,353	.2-	45.3	47.1	
MIDDLE ATLANTIC	1,371,221	1,327,736	2.1	739,933	755,067	3.1-	54.0	56.9	
REGIONAL AVERAGE OR TOTAL	5,270,428	5,054,139	3.1	2,661,019	2,682,202	1.9-	50.5	53.1	
SOUTH ATLANTIC									
GEORGIA	407,125	416,682	3.4-	300,827	317,775	6.4-	73.9	76.3	
UPPER FLORIDA	208,962	186,797	10.6	187,687	177,366	4.7	89.8	95.0	
TAMPA BAY	158,932	149,993	4.8	143,649	138,162	2.8	90.4	92.1	
SOUTHEASTERN FLORIDA	209,616	215,644	3.9-	197,230	200,223	2.6-	94.1	92.8	
REGIONAL AVERAGE OR TOTAL	984,635	969,116	.5	829,393	833,526	1.6-	84.2	86.0	
EAST NORTH-CENTRAL									
MICHIGAN UPPER PENINSULA	14,167	20,693	32.3-	10,649	12,112	13.0-	75.2	58.5	
SOUTHERN MICHIGAN	1,077,991	1,001,019	6.5	587,056	588,662	1.4-	54.5	58.8	
EAST, OHIO-WEST, PENNSYLVANIA	831,255	815,765	.8	517,679	534,897	4.3-	62.3	65.6	
OHIO VALLEY	725,053	728,590	1.6-	463,087	486,356	5.8-	63.9	66.8	
INDIANA	442,412	433,000	1.1	321,069	325,058	2.3-	72.6	75.1	
CHICAGO REGIONAL	2,774,529	2,529,674	8.5	767,886	784,979	3.3-	27.7	31.0	
CENTRAL ILLINOIS	44,477	71,779	38.7-	30,614	45,112	32.9-	68.8	62.8	
SOUTHERN ILLINOIS	235,088	241,826	3.9-	145,338	150,772	4.7-	61.8	62.3	
LOUISVILLE-LEXINGTON-EVANSVILLE	286,832	274,842	3.2	174,746	179,872	3.9-	60.9	65.4	
REGIONAL AVERAGE OR TOTAL	6,431,804	6,117,188	4.0	3,018,124	3,107,820	4.0-	46.9	50.8	
WEST NORTH-CENTRAL									
UPPER MIDWEST	2,094,549	1,964,326	5.5	393,255	412,882	5.8-	18.8	21.0	
EASTERN SOUTH DAKOTA	71,648	70,189	1.0	35,434	34,963	.2	49.5	49.8	
BLACK HILLS	19,758	17,445	12.0	12,897	12,666	.7	65.3	72.6	
IOWA	524,104	456,896	13.4	191,894	195,834	3.1-	36.6	42.9	
NEBRASKA-WESTERN IOWA	278,873	259,688	6.2	136,171	138,227	2.6-	48.8	53.2	
GREATER KANSAS CITY	215,677	201,692	5.8	122,005	124,746	3.3-	56.6	61.8	
ST. LOUIS-OZARKS	505,248	465,195	7.4	320,468	329,091	3.7-	63.4	70.7	
NEUSHO VALLEY	1,680	3,111	46.6-	1,220	1,917	37.0-	72.6	61.6	
MICHITA	94,849	69,967	34.1	51,570	51,575	1.1-	54.4	73.7	
REGIONAL AVERAGE OR TOTAL	3,806,386	3,508,509	7.3	1,264,914	1,301,901	3.9-	33.2	37.1	

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TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-MARCH, WITH COMPARISONS 1/ --CONTINUED

	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	:			:			:		
	1980	1979	CHANGE	1980	1979	CHANGE	1980	1979	FROM 1979
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT	PERCENT	PERCENT	
FEDERAL MILK ORDER MARKETING AREA									
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	329,065	263,884	23.3	245,570	209,015	16.2	74.6	79.2	
NASHVILLE	145,205	123,887	15.9	81,073	77,969	2.8	55.8	62.9	
PADUCAH	22,456	26,940	17.6	19,593	22,335	13.2	87.3	82.9	
MEMPHIS	80,488	75,267	5.8	67,737	64,979	3.1	84.2	86.3	
REGIONAL AVERAGE OR TOTAL	577,214	489,978	16.5	413,973	374,298	9.4	71.7	76.4	
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS--FT. SMITH 2/	96,501	92,495	3.2	85,006	83,414	.8	88.1	90.2	
OKLAHOMA METROPOLITAN	223,760	186,189	18.9	153,323	140,739	7.7	68.5	75.6	
RED RIVER VALLEY	11,161	24,063	54.1	9,033	16,937	47.3	80.9	70.4	
TEXAS PANHANDLE	24,056	21,183	12.3	21,215	18,121	15.8	88.2	85.5	
LUBBOCK--PLAINVIEW	19,445	19,358	.7	18,082	17,626	1.5	93.0	91.1	
TEXAS	884,650	831,696	5.2	698,935	688,935	.2	78.9	82.8	
GREATER LOUISIANA	152,802	155,575	2.9	134,244	131,705	.8	87.9	84.7	
NEW ORLEANS--MISSISSIPPI	318,084	271,149	16.0	206,344	200,030	2.0	64.9	73.8	
REGIONAL AVERAGE OR TOTAL	1,730,459	1,601,708	6.9	1,325,474	1,297,507	1.0	76.6	81.0	
MOUNTAIN									
EASTERN COLORADO	225,066	222,660	0	166,962	164,060	.7	74.2	73.7	
WESTERN COLORADO	19,564	18,907	2.3	18,416	16,936	7.5	94.1	89.6	
GREAT BASIN	190,922	164,744	14.6	119,945	116,453	1.9	62.8	70.7	
LAKE MEAD	33,283	32,408	1.6	24,310	24,117	.3	73.0	74.4	
CENTRAL ARIZONA	242,010	208,056	15.0	155,311	150,906	1.8	64.2	72.5	
RIO GRANDE VALLEY	138,086	126,366	8.1	89,603	89,522	1.0	64.9	70.8	
REGIONAL AVERAGE OR TOTAL	848,931	773,141	8.6	574,547	561,994	1.1	67.7	72.7	
PACIFIC									
PUGET SOUND	468,232	433,546	6.8	194,891	191,892	.4	41.6	44.3	
INLAND EMPIRE	88,558	67,798	29.2	45,149	39,429	13.2	51.0	58.2	
OREGON--WASHINGTON	372,528	351,975	4.7	207,734	211,484	2.9	55.8	60.1	
REGIONAL AVERAGE OR TOTAL	929,318	853,319	7.7	447,774	442,805	0	48.2	51.9	
47-MARKET AVERAGE OR TOTAL 3/	20,579,175	19,367,098	5.1	10,535,218	10,602,053	1.7	51.2	54.7	
ALL MARKET AVERAGE OR TOTAL	20,579,175	19,367,098	5.1	10,535,218	10,602,053	1.7	51.2	54.7	

1/ Volumes include 29-day totals for February 1980. The percentage changes are based on adjusted 28-day totals for February 1980 to make them comparable to 1979.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

3/ Based on markets where orders were effective entire period, 1979-80, and which had no significant marketing area changes

TABLE 8 -- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, FEBRUARY 1980 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/						LOWFAT AND SKIM MILK ITEMS 3/						TOTAL			
	FEBRUARY 1980			CHANGE 1980 FROM 1979 4/			FEBRUARY 1980			CHANGE 1980 FROM 1979 4/			FEBRUARY 1980		CHANGE 1980 FROM 1979 4/	
	SALES MIL. LB.	BUTTER- FAT CONTENT	FEB	YEAR TO DATE	PERCENT	MIL. LB.	SALES	BUTTER- FAT CONTENT	FEB	YEAR TO DATE	PERCENT	MIL. LB.	SALES	BUTTER- FAT CONTENT	FEB	YEAR TO DATE
NEW ENGLAND	180.1	3.31	-	.7	- 1.6	55.0	.93	1.8	1.4	1.4	1.8	235.1	2.75	-	.1	- .9
NEW ENGLAND	180.1	3.31	-	.7	- 1.6	55.0	.93	1.8	1.4	1.4	1.8	235.1	2.75	-	.1	- .9
MIDDLE ATLANTIC	159.4	3.30	-	5.5	- 4.3	76.5	1.35	5.5	5.2	5.2	5.5	235.9	2.67	-	2.2	- 1.5
MIDDLE ATLANTIC	159.4	3.30	-	5.5	- 4.3	76.5	1.35	5.5	5.2	5.2	5.5	235.9	2.67	-	2.2	- 1.5
SOUTH ATLANTIC	172.5	3.28	2.5	1.5	1.5	87.9	1.20	3.5	2.5	2.5	3.5	260.4	2.58	2.8	1.9	1.9
TAMPA BAY	34.1	3.26	2.9	.6	3.7	18.1	1.10	10.4	9.7	9.7	10.4	52.1	2.51	5.4	3.6	3.6
SOUTHEASTERN FLORIDA	46.0	3.32	3.3	3.7	3.7	20.5	1.32	4.1	2.5	2.5	4.1	66.6	2.71	3.5	3.3	3.3
UPPER FLORIDA	39.2	3.25	.3	-.2	1.6	17.1	1.20	5.7	4.7	4.7	5.7	56.3	2.63	1.9	1.3	1.3
GEORGIA	53.2	3.28	3.1	1.6	1.6	32.2	1.19	- 1.4	- 1.9	- 1.9	- 1.4	85.4	2.49	1.4	.2	.2
NORTHEAST NORTH CENTRAL	520.9	3.28	-	7.4	- 9.0	453.9	1.60	6.4	4.9	4.9	6.4	974.8	2.50	-	1.5	- 3.1
EASTERN GROUP																
SOUTHERN MICHIGAN	109.1	3.27	-	2.9	- 4.8	66.3	1.07	2.2	3.0	3.0	2.2	175.4	2.44	-	1.0	- 2.0
E. OHIO - W. PA.	112.2	3.28	-	7.7	- 7.4	59.3	1.73	11.2	7.7	7.7	11.2	171.5	2.75	-	2.0	- 2.8
OHIO VALLEY	82.0	3.26	-	14.0	- 15.9	78.0	1.67	7.4	6.7	6.7	7.4	160.0	2.48	-	4.8	- 6.3
WESTERN GROUP																
MICH. UPPER PENINSULA	3.3	3.34	-	18.9	- 18.2	4.2	1.73	7.8	6.6	6.6	7.8	7.5	2.43	-	5.7	- 5.9
CHICAGO REGIONAL	115.4	3.29	-	8.8	- 10.3	123.8	1.66	6.9	4.4	4.4	6.9	239.2	2.45	-	1.3	- 3.3
LOUIS. - ILL. - EVANS	26.7	3.27	-	.8	- 3.3	29.6	1.75	7.4	4.9	4.9	7.4	56.3	2.47	3.4	.8	.8
INDIANA	44.1	3.32	-	3.2	- 6.0	59.4	1.73	5.8	6.0	6.0	5.8	103.6	2.41	1.8	.5	.5
SOUTHERN ILLINOIS	19.5	3.24	-	8.3	- 11.4	22.1	1.68	- .5	- 1.5	- 1.5	- .5	41.6	2.41	-	4.3	- 6.4
CENTRAL ILLINOIS	8.6	3.22	-	5.6	- 14.5	11.2	1.68	10.9	1.3	1.3	10.9	19.8	2.35	3.1	- 6.2	- 6.2
WEST NORTH CENTRAL	129.9	3.29	-	4.9	- 7.5	217.9	1.56	4.0	2.6	2.6	4.0	347.8	2.21	.5	-	1.4
NORTHERN GROUP																
UPPER MICHIGAN	27.0	3.28	-	9.1	- 10.3	87.6	1.49	2.2	1.4	1.4	2.2	114.6	1.91	-	.7	- 1.6
EASTERN SOUTH DAKOTA	2.6	3.28	-	12.5	- 11.7	6.7	1.76	8.8	8.2	8.2	8.8	9.3	2.19	-	1.8	- 1.6
BLACK HILLS	1.1	3.33	-	10.1	- 8.4	1.7	1.88	- 4.9	- 4.5	- 4.5	- 4.9	2.8	2.46	-	7.1	- 6.1
IOWA	19.3	3.35	-	3.7	- 7.6	38.6	1.67	4.1	2.5	2.5	4.1	57.9	2.23	1.4	- 1.1	- 1.1
NEBRASKA - WESTERN IOWA	18.2	3.34	-	8.1	- 9.5	23.7	1.67	8.2	6.5	6.5	8.2	41.9	2.39	.5	-	1.1

Continued

TABLE 8 -- WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, FEBRUARY 1980 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	FEBRUARY 1980		CHANGE FROM 1979 4/			FEBRUARY 1980		CHANGE FROM 1979 4/			FEBRUARY 1980		CHANGE FROM 1979 4/		
	SALES	MIL. LB.	BUTTER- FAT CONTENT	FEB	YEAR TO DATE	SALES	MIL. LB.	BUTTER- FAT CONTENT	FEB	YEAR TO DATE	SALES	MIL. LB.	BUTTER- FAT CONTENT	FEB	YEAR TO DATE
			PERCENT					PERCENT					PERCENT		
WEST NORTH CENTRAL--CON. SOUTHERN GROUP															
ST. LOUIS - OZARKS	27.0		3.24	- 2.3	- 4.6	28.1		1.52	7.2	4.6	55.1		2.37	2.4	- .1
GREATER KANSAS CITY	22.0		3.27	- .3	- 3.3	22.1		1.56	3.2	1.4	44.1		2.42	1.8	- 1.0
NEOSHO VALLEY	3.5		3.27	- 17.6	- 18.5	1.9		1.50	- 11.2	- 11.4	5.4		2.63	- 15.4	- 16.0
WICHITA	9.2		3.26	2.2	- 6.1	7.4		1.43	5.1	2.3	16.6		2.45	3.5	- 2.5
EAST SOUTH CENTRAL	66.9		3.30	- 3.0	- 4.8	49.9		1.49	6.4	6.5	116.9		2.53	.8	- .3
PAUCAH	5.0		3.25	8.1	.8	2.7		1.45	12.2	12.7	7.7		2.61	9.5	4.7
NASHVILLE	18.6		3.36	- 4.3	- 5.6	11.1		1.45	5.3	6.6	29.7		2.65	- .9	- 1.4
MEMPHIS	12.6		3.32	- .6	- 3.5	6.1		1.25	1.5	4.8	18.7		2.64	- 1.0	- 1.0
TENNESSEE VALLEY	30.8		3.27	- 4.7	- 5.7	29.9		1.56	7.4	6.3	60.7		2.43	1.0	- .1
WEST SOUTH CENTRAL	306.6		3.39	2.1	.4	100.3		1.30	6.2	4.4	406.9		2.87	3.1	1.3
NORTHERN GROUP															
CENTRAL ARKANSAS	14.1		3.34	2.1	- 1.2	7.3		1.50	14.9	12.0	21.4		2.72	6.1	3.0
FORT SMITH	1.3		3.30	5.2	- 11.4	.9		1.35	1.4	7.0	2.2		2.48	8.8	- 4.5
OKLAHOMA METROPOLITAN	25.6		3.33	7.7	6.3	9.6		1.51	5.9	5.0	35.1		2.84	7.2	6.0
RED RIVER VALLEY	8.8		3.29	- 7.2	- 10.9	2.0		2.67	4.2	.1	10.7		3.17	- 5.3	- 9.1
TEXAS PANHANDLE	6.3		3.35	8.7	7.7	1.7		1.45	24.5	26.7	8.0		2.94	11.7	11.2
LUBBOCK - PLAINVIEW	4.6		3.41	1.2	- 2.8	1.6		1.43	- .6	- 5.1	6.2		2.91	.8	- 3.4
SOUTHERN GROUP															
GREATER LOUISIANA	37.4		3.52	.5	- 1.1	11.1		1.48	7.2	5.8	48.5		3.05	1.9	.4
NEW ORLEANS - MISS.	47.3		3.53	- .4	- 1.5	14.6		1.31	7.0	6.2	61.9		3.01	1.2	.2
TEXAS	161.3		3.33	2.8	1.2	51.5		1.12	4.4	2.2	212.8		2.80	3.2	1.4
MOUNTAIN	102.0		3.39	- .2	.2	86.9		1.71	6.8	7.5	188.9		2.62	2.9	3.4
EASTERN COLORADO	24.7		3.30	- 2.6	- 1.5	26.7		1.74	6.0	7.9	51.4		2.49	1.6	3.1
GREAT BASIN	13.6		3.28	- 1.4	.2	23.2		1.86	1.9	3.4	36.8		2.39	.7	2.2
WESTERN COLORADO	2.5		3.29	- .4	.5	2.4		1.76	15.2	16.4	4.9		2.54	6.7	7.5
CENTRAL ARIZONA	29.3		3.51	2.8	1.4	22.2		1.57	11.7	11.0	51.5		2.68	6.4	5.3
RIO GRANDE VALLEY	24.6		3.39	.4	- 1	7.5		1.44	1.4	1.6	32.1		2.93	.7	.4
LAKE MEAD	7.2		3.46	- 3.5	2.0	5.0		1.85	21.6	18.0	12.2		2.81	5.4	7.6
PACIFIC	51.5		3.35	- 4.1	- 4.2	85.8		1.79	2.7	2.2	137.3		2.37	.0	- .4
PUGET SOUND	21.4		3.33	- 1.3	- .1	34.6		1.79	1.9	2.1	56.0		2.38	.6	1.2
INLAND EMPIRE	3.5		3.31	- 11.1	- 12.2	8.1		1.75	- 7.6	- 8.1	11.6		2.22	- 8.7	- 9.4
OREGON - WASHINGTON	26.7		3.37	- 5.4	- 6.2	43.1		1.79	5.6	4.5	69.7		2.39	1.1	.1
COMBINED AREAS (46)	1,689.8		3.31	- 3.0	- 4.2	1,214.2		1.51	5.2	4.2	2,904.0		2.56	.3	- .9
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 5/	1,617.7		---	- 3.9	- 4.6	1,159.0		---	4.0	3.6	2,778.6		---	.6	- 1.4
NEW YORK-NEW JERSEY	---		---	---	---	---		---	---	---	375.1		---	4.5	4.3

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.
2/ Plain and flavored whole milk.
3/ Plain, fortified, and flavored skim and lowfat milk and buttermilk.
4/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.
5/ Figures adjusted to eliminate variations due to calendar composition. See special article in this issue, page 37.
6/ Small amount of sales estimated.

FOOTNOTES FOR TABLE 2.

- 1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.
- 2/ Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend are 50 cents less. Class I price at Hartford is 11 cents less.
- 3/ New York metropolitan area. Price excludes a 15-cent direct delivery differential. Price at 201-210 mile zone: Class I and blend, 36 cents less; Class II, 8 cents less.
- 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia.
- 5/ Seven cents for advertising and promotion has been deducted from the blend price.
- 6/ Atlanta.
- 7/ Jacksonville and Tallahassee.
- 8/ Miami.
- 9/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.
- 10/ Zone 2 (Marquette).
- 11/ Individual handler pool. Blend prices are weighted averages of all handlers, 1979-80.
- 12/ Price excludes direct delivery differentials of 10 cents applicable to milk delivered to Detroit.
- 13/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.
- 14/ Five cents for advertising and promotion has been deducted from the blend price.
- 15/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) 5 cents less and at Charlestown, W. Va. (Southeastern zone) 5 cents more.
- 16/ Indianapolis.
- 17/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.
- 18/ Peoria.
- 19/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.
- 20/ Zone 1 (Minneapolis).
- 21/ Sioux Falls.
- 22/ Rapid City, S. Dak.
- 23/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.
- 24/ Zone 1 (Omaha).
- 25/ Eight cents for advertising and promotion has been deducted from the blend price.
- 26/ Kansas City and Topeka.
- 27/ Zone 1 (St. Louis and Springfield).
- 28/ Pittsburg, Kans.
- 29/ Zone 1 (Wichita).
- 30/ Bristol, Chattanooga, and Knoxville.
- 31/ Little Rock.
- 32/ Oklahoma City.
- 33/ Wichita Falls, Tex.
- 34/ Amarillo.
- 35/ Zone 1 (Dallas). Class I price at Houston plus 36 cents.
- 36/ Monroe and Shreveport.
- 37/ Zone 1 (New Orleans).
- 38/ Denver.
- 39/ Grand Junction.
- 40/ Salt Lake City, Utah.
- 41/ Las Vegas, Nev.
- 42/ Phoenix.
- 43/ Albuquerque, Santa Fe, and El Paso.
- 44/ District I (Seattle).
- 45/ Spokane, Washington.
- 46/ Portland.
- 47/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1980, \$13.32 and 1979, \$12.50; Blend 1980, \$13.13 and 1979, \$12.27; Class II 1980, \$11.69 and 1979, \$10.69; Class III 1980, \$11.59 and 1979, \$10.59. Fat differential: Producer 1980, 15.0¢.
- 48/ Based on markets where orders were effective entire period, 1979-80, and which had no significant marketing area changes.
- 49/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 9 -- PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN 46 SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1980 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979		SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 4/		SALES	BF. CON- TENT	CHANGE 1980 FROM 1979	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.	PERCENT			MIL.-LB.	PERCENT			MIL.-LB.	PERCENT		
FLUID WHOLE MILK PRODUCTS	1,804	3.31	5.2	5.2	1,690	3.31	3.0	3.0	4.2			
WHOLE MILK	1,735	3.31	5.1	5.1	1,627	3.31	2.6	2.6	3.9			
FLAVORED WHOLE MILK PRODUCTS	69	3.33	8.5	8.5	63	3.35	13.1	13.1	10.7			
FLUID LOWFAT AND SKIM MILK PRODUCTS	1,285	1.52	3.2	3.2	1,214	1.51	5.2	5.2	4.2			
2% LOWFAT MILK PRODUCTS 2/												
2% LOWFAT MILK - PLAIN	763	1.77	9.6	9.6	717	1.77	13.0	13.0	11.2			
2% LOWFAT MILK - MILK SOLIDS ADDED	214	1.63	16.7	16.7	201	1.64	16.3	16.3	16.5			
SKIM MILK PRODUCTS												
SKIM MILK - PLAIN	94	.26	13.5	13.5	94	.26	15.7	15.7	14.7			
SKIM MILK - MILK SOLIDS ADDED	54	.30	6.3	6.3	52	.31	7.0	7.0	6.6			
FLAVORED LOWFAT AND SKIM MILK PRODS	108	1.41	9.4	9.4	100	1.42	8.5	8.5	9.0			
BUTTERMILK	53	1.03	1.9	1.9	51	1.03	1.0	1.0	.5			
TOTAL	3,088	2.57	1.9	1.9	2,904	2.56	.3	.3	.9			
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,058	---	2.0	2.0	2,779	---	.6	.6	1.4			

* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See Table 8 for 46 markets included. Excludes the New York-New Jersey market.

2/ Includes 1% lowfat milk products.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in this issue, page 37.

4/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.

TABLE 10 -- PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, FEBRUARY 1980, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 7/	MIL.LB. PERCENT	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 7/	MIL.LB. PERCENT	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 7/	MIL.LB. PERCENT	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 7/	MIL.LB. PERCENT	SALES	BF. CON- TENT	CHANGE 1980 FROM 1979 7/	MIL.LB. PERCENT
NEW ENGLAND	180	3.30	- 1.3	56	.93	1.6	2.8	10.8	3.5	3.6	22.4	-.2	244	3.13	-.8					
MIDDLE ATLANTIC	158	3.29	- 5.9	79	1.34	6.9	1.6	11.0	1.7	1.2	22.0	9.8	241	2.79	- 1.8					
SOUTH ATLANTIC	183	3.29	1.8	89	1.22	3.7	2.5	10.6	6.5	1.4	22.8	27.4	278	2.77	2.6					
EAST NORTH CENTRAL	521	3.27	- 7.6	457	1.60	6.9	8.9	10.7	.6	9.3	17.2	2.2	1,000	2.71	- 1.3					
WEST NORTH CENTRAL	159	3.29	- 5.4	248	1.56	3.5	4.2	11.0	2.6	3.6	22.2	6.5	416	2.50	.0					
EAST SOUTH CENTRAL	81	3.32	7.2	54	1.45	15.0	0.3	11.4	11.3	0.5	21.0	12.5	136	2.66	10.2					
WEST SOUTH CENTRAL	326	3.38	2.0	104	1.30	6.8	2.2	11.0	2.5	2.4	20.7	7.6	435	3.01	3.2					
MOUNTAIN	97	3.38	-.9	87	1.69	7.2	2.0	11.0	.1	2.1	21.6	6.4	190	2.87	2.7					
PACIFIC	53	3.33	- 2.2	68	1.78	5.3	1.9	11.1	6.0	1.4	24.5	6.2	147	2.68	2.8					
TOTAL OF REGIONS	1,758	3.31	- 2.8	1,262	1.51	6.0	26.3	10.8	1.8	25.5	20.3	5.2	3,088	2.77	.7					

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain, and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes from February 1979 to February 1980 are based on the same number of comparable markets and have been adjusted for the different days in the two months.

TABLE 11 -- PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1980 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	8F. CON- TENT	CHANGE 1980 FROM 1979 2/		SALES	8F. CON- TENT	CHANGE 1980 FROM 1979 2/3/		SALES	8F. CON- TENT	CHANGE 1980 FROM 1979 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.	PERCENT			1,000 LB.	PERCENT			1,000 LB.	PERCENT		
MILK AND CREAM MIXTURES	26,877	10.9	.8	.8	26,348	10.8	1.8	1.4				
TOTAL CREAM PRODUCTS	24,513	20.3	5.7	5.7	25,530	20.3	5.2	5.6				
LIGHT CREAM	3,499	17.9	-	14.9	3,550	18.5	-	13.4	-	14.1		
HEAVY CREAM	4,403	34.0	8.6	8.6	4,783	34.2	4.8	6.8				
SOUR CREAM	16,611	17.1	10.6	10.6	17,179	16.9	10.1	10.4				
YOGURT	16,430	2.4	---	---	16,753	2.3	---	---				
EGGNOG	99	6.8	---	---	31	8.2	---	---				

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey market.
2/ Percentage changes over the previous year are based on the same number of comparable markets.
3/ Percentage changes from February 1979 to February 1980 have been adjusted for the different days in the two months.

TABLE 12 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, FEBRUARY 1979 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
<u>PRODUCT POUNDS</u> <u>1,000 LBS.</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	9,920	116,603	29,450	29,595	60,490	53,615	2,089	20,987	322,749
SOUTH ATLANTIC	1,728	16,673	9,887	644	1,755	63	2,542	8,575	41,867
EAST NORTH CENTRAL	36,010	576,046	51,670	101,584	97,527	94,813	5,819	70,870	1,034,338
WEST NORTH CENTRAL	26,302	492,472	23,552	34,082	154,725	12,273	1,602	19,954	764,962
EAST SOUTH CENTRAL	3,374	13,457	6,515	4,507	3,062	3,824	616	6,155	41,510
WEST SOUTH CENTRAL	6,176	17,286	17,554	19,009	5,135	10,025	4,707	14,624	94,517
MOUNTAIN	2,726	21,535	13,503	20,151	1,980	4,335	2,163	4,369	70,763
PACIFIC	7,830	53,068	9,934	17,526	35,713	5,530	520	4,542	134,663
TOTAL OF REGIONS 5/	94,066	1,307,140	162,065	227,098	360,387	184,477	20,057	150,077	2,505,368
<u>BUTTERFAI POUNDS</u> <u>1,000 LBS.</u>									
NEW ENGLAND AND MIDDLE ATLANTIC	4,282	4,560	4,913	266	73	1,008	0	1,371	16,472
SOUTH ATLANTIC	683	640	1,922	6	0	0	0	415	3,667
EAST NORTH CENTRAL	15,076	22,908	6,466	1,064	181	920	0	2,889	49,504
WEST NORTH CENTRAL	10,916	18,475	2,702	466	84	169	0	983	33,795
EAST SOUTH CENTRAL	1,327	522	1,027	41	0	151	0	310	3,377
WEST SOUTH CENTRAL	2,351	573	2,511	207	4	260	0	691	6,596
MOUNTAIN	1,026	813	1,399	166	1	110	0	274	3,789
PACIFIC	2,866	2,155	1,009	158	18	189	0	180	6,576
TOTAL OF REGIONS 5/	38,528	50,645	21,948	2,375	361	2,806	0	7,113	123,776

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 13 -- MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK CROERS, GROUPED BY REGION, FEBRUARY 1980 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	12,050	116,736	27,692	44,848	84,479	53,999	2,313	31,466	373,583
SOUTH ATLANTIC	918	15,746	10,891	1,780	0	68	2,683	7,378	39,464
EAST NORTH CENTRAL	42,708	661,354	54,007	114,321	143,595	100,667	5,749	69,228	1,191,630
WEST NORTH CENTRAL	28,823	589,753	25,693	38,059	174,746	11,716	1,454	26,009	896,253
EAST SOUTH CENTRAL	5,352	21,448	8,097	4,751	9,468	3,944	707	6,331	60,097
WEST SOUTH CENTRAL	4,635	28,071	19,921	18,874	25,518	7,272	4,785	16,051	125,126
MOUNTAIN	3,093	38,049	13,495	21,856	8,412	2,639	1,943	5,054	94,540
PACIFIC	10,702	57,870	10,133	17,385	50,072	4,880	484	5,752	157,277
TOTAL OF REGIONS 5/	108,282	1,529,026	169,928	261,874	496,289	185,186	20,117	167,269	2,937,970
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	5,190	4,402	5,142	739	76	799	0	1,631	17,979
SOUTH ATLANTIC	347	594	2,022	23	0	0	0	333	3,319
EAST NORTH CENTRAL	17,687	25,647	6,774	1,328	222	885	0	2,739	55,282
WEST NORTH CENTRAL	11,981	22,040	2,959	422	93	132	0	1,144	38,771
EAST SOUTH CENTRAL	2,126	860	1,019	45	0	6	0	285	4,340
WEST SOUTH CENTRAL	3,072	1,155	2,506	256	17	127	0	664	7,796
MOUNTAIN	1,176	1,552	1,347	178	6	85	0	272	4,616
PACIFIC	3,435	2,342	1,128	149	26	65	0	242	7,387
TOTAL OF REGIONS 5/	45,015	58,591	22,895	3,141	438	2,099	0	7,310	135,489

- 1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.
2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.
3/ Includes condensed skim milk and condensed whole milk.
4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.
5/ Totals may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1980, TO DATE, WITH COMPARISONS 1/

Manufactured dairy products	January		February		March		April		May		June	
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
	<u>Percent</u>											
Butter	32.5	32.8	32.3	31.1								
Cheese	41.6	39.7	42.0	40.9								
Frozen desserts	16.1	16.8	16.4	17.7								
Cottage cheese	2.2	2.1	2.3	1.9								
All other 2/	7.6	8.6	7.0	8.4								
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
	<u>Percent</u>											
Butter												
Cheese												
Frozen desserts												
Cottage cheese												
All other 2/												
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips, and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15--FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, MARCH, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT			
	BASE		EXCESS	
	MAR	MAR	MAR	MAR
	1980	1979	1980	1979
	DOLLARS			
MIDDLE ATLANTIC	13.00	12.27	11.49	10.49
GEORGIA 2/	13.46	12.66	11.59	10.59
SOUTHERN MICHIGAN	12.42	11.58	11.59	10.59
TENNESSEE VALLEY	13.17	12.47	11.59	10.59
NASHVILLE	12.67	11.85	11.59	10.59
MEMPHIS	13.30	12.48	11.66	10.76
CENTRAL ARKANSAS-FT. SMITH	13.36	12.49	11.83	10.75
PUGET SOUND 2/	13.04	12.30	11.59	10.58
OREGON-WASHINGTON	12.62	11.82	11.59	10.58

1/ See footnotes on page 24 for location at which price is reported.

2/ Class I base plan.

TABLE 16--FEDERAL MILK ORDER SEASONAL INCENTIVE PAYMENT PLANS IN VARIOUS MARKETING AREAS, MARCH, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	AMOUNTS PER HUNDREDWEIGHT	
	MAR 1980	MAR 1979
	DOLLARS	
NEW ENGLAND	.20	.20
NEW YORK-NEW JERSEY	.20	.20
CENTRAL ILLINOIS	2/	.15
SOUTHERN ILLINOIS	2/	.15
ST. LOUIS-OZARKS	2/	.15

1/ During this month, these amounts are deducted from the blend price and thus withheld from producers.

2/ The seasonal incentive payment plan was terminated in 1980.

TABLE 17--DAIRY PRODUCT PRICES AND MANUFACTURING MILK PRICES JANUARY 1980 TO DATE WITH COMPARISONS

Month	Dairy product market prices											
	BUTTER 1/			CHEDDAR CHEESE 1/			NONFAT DRY MILK 2/			DRIED WHEY EDIBLE 1/		
	Chicago	New York	Wisconsin assembling points	Wisconsin assembling points	Chicago area	Central States production area	Chicago area	Chicago area	Chicago area	Chicago area	Chicago area	Chicago area
Grade A	Grade AA	Grade AA	Barrel	Barrel	Blocks	Spray process	Spray process	Spray process	Spray process	Spray process	Spray process	Spray process
1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980
Dollars per pound												
Jan.	1.3016	1.1130	1.3667	1.1648	1.2043	1.1057	1.2564	1.1950	.7630	.1060	.1002	.1002
Feb.	1.3028	1.1130	1.3767	1.1673	1.1986	1.0747	1.2600	1.1864	.8378	.0998	.0958	.0958
Mar.	1.3035	1.1408	1.3869	1.2241	1.1983	1.1105	1.2960	1.1972	.8424	.0952	.1010	.1010
Apr.		1.2074		1.2575		1.1374		1.2125		.7761	.1039	.1039
May		1.2180		1.2604		1.1212		1.2111		.7894	.1008	.1008
June		1.2180		1.2589		1.1268		1.2180		.7892	.0942	.0942
July		1.2272		1.2943		1.1477		1.2365		.7916	.0908	.0908
Aug.		1.2871		1.3641		1.2206		1.2852		.7975	.0944	.0944
Sept.		1.2780		1.3791		1.2435		1.3150		.8096	.1046	.1046
Oct.		1.2877		1.3617		1.1986		1.2880		.8294	.1072	.1072
Nov.		1.2999		1.3734		1.1782		1.2576		.8384	.1068	.1068
Dec.		1.3016		1.3862		1.1869		1.2500		.8387	.1078	.1078
Av.		1.2243		1.2910		1.1543		1.2377		.7954	.1006	.1006

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content											
	Minnesota-Wisconsin manufacturing grade milk 4/			Butter powder "Snubber" 5/			Butter powder "Snubber" 5/			Butter powder "Snubber" 5/		
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
Dollars per 100 lb.												
Jan.												
Feb.												
Mar.												
Apr.												
May												
June												
July												
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												

1/ "Dairy Market News," AMS.

2/ 26th of preceding month through 25th of current month, as reported by Economics, Statistics, and Cooperatives Service.

3/ Simple average of hygroscopic and nonhygroscopic.

4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by ESCS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120.

5/ (Chicago Grade A butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

TABLE 18.--UNITED STATES MILK PRICES AND UNITED STATES MILK FEED RATIO, JANUARY 1980 TO DATE, WITH COMPARISONS

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/			
	All milk					Manufacturing grade milk 2/					All milk		Milk eligible for fluid market 2/	
	1980**					1980**					1980**		1980**	
	Price at test	Per cent of parity	Parity price	Price at test	Av. fat test	Price at test	Parity price	Price at test	Av. fat test	% of parity	Price at test	Parity price	Price at test	Parity price
	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/
	17.40	12.80	71	15.31	11.80	3.81	75.6	12.38	11.47	12.59	11.67	11.32	10.47	
Jan.	17.60	12.80	71	15.49	11.70	3.76	74.6	12.39	11.51	12.59	11.70	11.29	10.42	
Feb.	17.80	12.70	71	15.66	11.80	3.72	74.8	12.36	11.50	12.56	11.70	11.46	10.50	
Mar.									11.37				10.45	
Apr.									11.35				10.62	
May									11.44				10.71	
June									11.60				10.77	
July									11.97				11.04	
Aug.									12.26				11.20	
Sept.									12.27				11.20	
Oct.									12.48				11.19	
Nov.									12.35				11.27	
Dec.									11.80				10.82	
Si. av.														

Month	U.S. milk prices, 3.5 percent butterfat basis 1/										U.S. milk-feed price ratio 2/ 7/	
	Paid farmers for milk used in:					Evaporated milk 6/						
	Butter 6/											
	1980*	1979*	1980*	1979*	1980*	1980*	1979*	1980*	1979*	1980*	1979*	1979*
	-----Dollars per 100 pounds-----											
	Pounds											
Jan.	11.24	10.32	11.30	10.49	11.04	10.14	1.54	1.61				
Feb.	11.28	10.32	11.31	10.44	11.04	10.10	1.57	1.59				
Mar.	11.43	10.37	11.46	10.56	11.11	10.21	1.55	1.58				
Apr.		10.41		10.57		10.25		1.56				
May		10.51		10.64		10.38		1.53				
June		10.54		10.73		10.45		1.51				
July		10.60		10.79		10.50		1.43				
Aug.		10.89		11.06		10.68		1.50				
Sept.		11.09		11.24		10.86		1.54				
Oct.		11.09		11.18		10.92		1.55				
Nov.		11.14		11.22		10.97		1.58				
Dec.		11.21		11.26		10.98		1.57				
Si. av.		10.71		10.85		10.54		1.55				

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," ESCS. 3/ Parity prices shown are based on data for the current month. 4/ Seasonally adjusted. 5/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter price times 0.120 as a percentage of parity price equivalent. 6/ "Dairy Products," ESCS. 7/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 19--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1980 TO DATE, WITH COMPARISONS

Month	General price measures 1/									
	Prices paid by farmers 2/		Price received by farmers						Parity ratio 3/	
			All farm products		Livestock & products		Dairy products			
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
	Indexes 1967=100									
Jan.	269	235	236	232	252	252	254	236	88	99
Feb.	271	239	238	241	255	264	254	236	88	101
Mar.	274	244	234	246	247	274	252	234	85	101
Apr.		247		244		272		230		99
May		249		246		269		229		99
June		249		244		255		229		98
July		252		244		250		230		97
Aug.		251		237		239		238		94
Sept.		255		241		255		246		95
Oct.		257		236		248		250		92
Nov.		257		238		251		256		93
Dec.		260		238		256		254		92
Av.		250		241		257		239		97

Month	General price measures									
	Price indexes									
	Producer 4/				Consumer 5/					
	All commodities	Dairy products	All items	All food	Dairy products					
	1980	1979	1980	1979	1980	1979	1980	1979	1980	1979
Indexes 1967=100										
Jan.	254.7	220.8	221.4	203.4	233.2	204.7	243.8	223.9	218.4	198.4
Feb.	259.8	224.1	221.2	203.1	236.4	207.1	244.9	228.2	219.5	200.6
Mar.	261.5	226.7	223.3	204.8	239.8	209.1	247.3	230.4	220.3	201.5
Apr.		230.0		207.0		211.5		232.3		202.4
May.		232.0		207.9		214.5		234.3		203.8
June		233.1		208.3		216.6		235.4		205.5
July		236.6		209.0		218.9		236.9		206.3
Aug.		238.3		215.2		221.1		236.3		208.6
Sept.		242.0		218.3		223.4		237.1		211.3
Oct.		245.2		218.2		225.4		238.2		213.3
Nov.		247.2		219.0		227.5		239.1		216.0
Dec.		249.4		219.6		229.9		241.7		216.9
Av.		235.4		211.2		217.4		234.5		207.1

1/ "Agricultural Prices," ESCS, 1979 indexes are based on January 31, 1980 revisions.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Producer Price Index," Bureau of Labor Statistics (BLS), U.S. Department of Labor.

5/ CPI-U. "Consumer Price Index," BLS.

TABLE 20--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED DAIRY PRODUCTS,
UNITED STATES CITY AVERAGE, 1980 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products	
	Percent		Percent		Percent		Percent	
	Index 2/	:change :from :1979	Index 2/	:change :from :1979	Index 3/	:change :from :1979	Index 3/	:change :from :1979
Jan.	202.3	10.2	216.9	10.8	123.5	9.4	124.0	10.9
Feb.	203.2	9.2	218.3	12.9	124.2	9.0	124.6	10.6
Mar.	204.0	9.4	218.3	12.2	124.9	9.0	125.1	10.3
Apr.								
May								
June								
July								
Aug.								
Sept.								
Oct.								
Nov.								
Dec.								

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data from 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977=100.

TABLE 21--U.S. PRODUCTION, JANUARY 1980 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total cheese 2/		Nonfat dry milk 2/		Frozen desserts 2/	
	1980*	1979**	1980*	1979**	1980*	1979**	1980*	1979**	1980*	1979**
	8il. pounds		- - - - -Mil. pounds- - - - -				Mil. gallons			
Jan.	10.3	10.0	103.8	97.4	310.5	288.9	75.0	55.1	77.1	74.3
Feb.	9.9	9.3	99.1	86.6	297.9	276.0	75.8	54.9	80.0	76.9
Mar.	10.9	10.5	101.7	89.3	341.1	323.0	90.1	76.1	94.2	99.3
Apr.		10.6		92.4		317.7		87.8		97.2
May		11.2		98.6		339.7		104.8		108.6
June		11.0		84.7		344.7		112.2		119.3
July		10.7		74.8		319.0		94.4		118.0
Aug.		10.4		64.9		310.9		78.7		123.8
Sept.		10.0		61.5		291.4		55.6		100.6
Oct.		10.1		76.8		304.0		58.1		93.0
Nov.		9.7		74.7		289.9		56.2		76.9
Dec.		10.1		83.8		304.6		73.3		69.9
Year to date	31.1	123.6	304.5	985.4	949.4	3,709.7	240.9	907.3	251.3	1,157.6

* Preliminary.

** Partially revised.

1/ "Milk Production," ESCS.

2/ "Dairy Products," ESCS. Frozen desserts include ice cream, ice milk, and sherbert.

3/ May not add due to rounding.

TABLE 21--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1980 TO DATE WITH COMPARISONS

Month	Storage Holdings 1/											
	Butter 2/				Total Cheese 2/				Nonfat dry milk			
			Total				Total				Total	
	Commer- cial 1980	Gov't 1980*	1980* 3/	1979**	Commer- cial 1980*	Gov't 1980*	1980* 3/	1979**	Commer- cial 1980 4/	Gov't 1980* 5/	1980* 3/	1979**
	:	:	:	:	:	:	:	:	:	:	:	:
	Mil. pounds											
Jan.	28.8	162.4	191.2	208.6	509.4	6.6	516.0	436.8	85.5	368.8	454.4	560.0
Feb.	31.4	171.9	203.3	214.8	503.4	7.1	510.5	446.2	80.5	368.1	448.6	549.3
Mar.	39.2	175.0	214.2	209.5	495.0	3.1	498.1	439.9	83.3	361.6	444.8	524.0
Apr.				216.5				452.9				518.1
May				239.1				495.3				524.6
June				260.1				519.9				538.3
July				257.3				555.3				558.8
Aug.				238.5				548.3				560.3
Sept.				218.0				540.6				549.9
Oct.				200.4				526.9				516.4
Nov.				182.2				519.3				485.2
Dec.				177.8				512.8				485.2

* Preliminary.

** Based on partially revised data.

1/ End of month.

2/ "Cold Storage Reports," ESCS.

3/ May not add due to rounding.

4/ "Dairy Products," ESCS.

5/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

TABLE 22--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1980 TO DATE, WITH COMPARISONS

Month	Butter 1/		American cheese 1/		Nonfat dry milk 1/		Milk equivalent of net U.S.D.A. purchases 2/	
	1980	1979	1980	1979	1980	1979	1980	1979
	:	:	:	:	:	:	:	:
	----- 1,000 pounds -----						Mil. pounds	
Jan.	26,716	9,264	17,968	0	34,857	3,150	732	194
Feb.	10,361	1,966	18,728	0	32,076	1,096	435	41
Mar.	3,955	0	14,733	0	26,189	824	307	3
Apr.		13,579		0		21,262		284
May		26,773		1,706		44,777		574
June		8,144		2,169		49,791		192
July		0		8,300		41,367		65
Aug.		0		268		14,961		44
Sept.		0		0		10,002		2
Oct.		9,757		716		18,619		211
Nov.		8,367		6,411		23,564		240
Dec.		7,229		21,009		25,845		358
Year to date	41,032	85,079	3/ 51,429	4/ 40,579	93,122	255,258	5/ 1,474	6/ 2,120

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price supports. Section 709, Section 32, and Section 4A programs.

3/ Includes 6,472 thousand pounds purchased in 500-pounds barrels, and 8,063 thousand pounds purchased as process cheese. Does not include 11,261 thousand pounds purchased as mozzarella cheese.

4/ Includes 11,553 thousand pounds purchased in 500-pounds barrels, and 24,486 thousand pounds purchased as process cheese.

5/ Includes 7 and 111 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively

6/ Includes 35 million pounds (milk equivalent) of evaporated milk.

ADJUSTING IN-AREA FLUID MILK SALES FOR CALENDAR COMPOSITION*

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variations due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days--Sundays, Mondays, etc.--that occur in a particular month vary from year to year. For example, in 1979, January had five Mondays, Tuesdays, and Wednesdays whereas, in 1980, January had five Tuesdays, Wednesdays, and Thursdays. In comparing the two months, 1979 had an extra Monday and 1980 had an extra Thursday. Since there is daily variation in fluid milk sales data, sales in January 1979, can be expected to be different than sales in January 1980, because sales on Mondays are different than sales on Thursdays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition. ^{1/} These weights are shown in Table A.

TABLE A--INDEX OF DAILY VARIATION IN WEEKLY IN-AREA SALES

<u>Days</u>	<u>Index</u>		
	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	0.0980	0.0787	0.1072
Monday	1.2580	1.1098	1.2046
Tuesday	1.1652	1.2925	1.1897
Wednesday	.8604	.8716	.8767
Thursday	1.2722	1.1218	1.2364
Friday	1.2496	1.3332	1.2640
Saturday	1.0966	1.1924	1.1214

These indexes show how sales on a particular day of the week compare to an average sales day. For example, sales of whole milk items on a Sunday are 9.80 percent of an average sales day whereas sales on a Friday are 124.96 percent of an average sales day.

^{1/} For a more detailed description of this procedure see FMOS-134, issued April 1971.

MONTHLY ADJUSTMENT FACTORS

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month ^{2/} was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.4810 for lowfat and skim milk items which, when divided by 31.0, yields an adjustment factor of 0.9833. The adjustment factors for the other types of months are shown in Table B.

TABLE B--FACTORS FOR ADJUSTING MONTHLY IN-AREA SALES FOR VARIATIONS DUE TO CALENDAR COMPOSITION

Adjustment factors

First day of month	Whole milk items		Lowfat and skim milk items		Total fluid milk items	
	31-day months	30-day months	31-day months	30-day months	31-day months	30-day months
Sunday	0.9846	0.9785	0.9833	0.9729	0.9839	0.9771
Monday	1.0091	1.0141	1.0089	1.0134	1.0087	1.0131
Tuesday	1.0096	1.0009	1.0092	1.0055	1.0098	1.0022
Wednesday	1.0123	1.0044	1.0105	.9998	1.0122	1.0038
Thursday	1.0200	1.0174	1.0209	1.0152	1.0201	1.0167
Friday	.9821	1.0115	.9872	1.0175	.9836	1.0128
Saturday	.9823	.9732	.9800	.9757	.9817	.9743

The adjustment factor for all 28-day Februarys is 1.0000. The above factors may be applied either to total monthly sales or daily average sales.

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9839, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factors applicable to any specific month from 1979-81. Table C is shown on the next page.

A word of caution: The daily weights and the monthly adjustment factors derived from them were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

^{2/} The type of month can vary depending on which day the month begins and how many days are in the month.

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition." You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

TABLE C--FACTORS FOR ADJUSTING IN-AREA SALES OF WHOLE MILK, LOWFAT AND SKIM MILK ITEMS, AND THE TOTAL OF THESE FOR CALENDAR COMPOSITION, BY MONTHS, 1979 THROUGH 1981

<u>Whole milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>
January	1.0091	1.0096	1.0200
February	1.0000	1.0446	1.0000
March	1.0200	.9823	.9846
April	.9785	1.0009	1.0044
May	1.0096	1.0200	.9821
June	1.0115	.9785	1.0141
July	.9846	1.0096	1.0123
August	1.0123	.9821	.9823
September	.9732	1.0141	1.0009
October	1.0091	1.0123	1.0200
November	1.0174	.9732	.9785
December	.9823	1.0091	1.0096
Year	1.0007	1.0028	1.0007

<u>Lowfat and skim milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>
January	1.0089	1.0092	1.0209
February	1.0000	1.0476	1.0000
March	1.0209	.9800	.9833
April	.9729	1.0055	.9998
May	1.0092	1.0209	.9872
June	1.0175	.9729	1.0134
July	.9833	1.0092	1.0105
August	1.0105	.9872	.9800
September	.9757	1.0134	1.0055
October	1.0089	1.0105	1.0209
November	1.0152	.9757	.9729
December	.9800	1.0089	1.0092
Year	1.0003	1.0032	1.0003

<u>Total fluid milk items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>
January	1.0087	1.0098	1.0201
February	1.0000	1.0451	1.0000
March	1.0201	.9817	.9839
April	.9771	1.0022	1.0038
May	1.0098	1.0201	.9836
June	1.0128	.9771	1.0131
July	.9839	1.0098	1.0122
August	1.0122	.9836	.9817
September	.9743	1.0131	1.0022
October	1.0087	1.0122	1.0201
November	1.0167	.9743	.9771
December	.9817	1.0087	1.0098
Year	1.0006	1.0029	1.0006

COMPARING SALES IN DIFFERENT MONTHS

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 10 years are given in Table D. These seasonal indexes are shown two ways: (1) based on daily average sales, which presents a truer depiction of seasonal variations, and (2) based on total sales, which takes into account the number of days in the month.

TABLE D--SEASONAL INDEXES OF IN-AREA SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, AND THE TOTAL OF THESE, BASED ON DATA FOR 1970 THROUGH 1979

Month	: Whole milk		: Lowfat and skim		: Total fluid	
	: items		: milk items		: milk items	
	: Daily avg.	: Total	: Daily avg.	: Total	: Daily avg.	: Total
	: sales	: sales	: sales	: sales	: sales	: sales
January	: 1.0398	1.0600	1.0337	1.0539	1.0385	1.0587
February	: 1.0317	.9500	1.0373	.9552	1.0341	.9523
March	: 1.0323	1.0524	1.0422	1.0626	1.0360	1.0561
April	: 1.0031	.9896	1.0175	1.0039	1.0079	.9944
May	: .9859	1.0051	.9874	1.0067	.9866	1.0058
June	: .9252	.9128	.9439	.9312	.9294	.9170
July	: .9116	.9293	.9228	.9408	.9131	.9309
August	: .9444	.9628	.9468	.9652	.9435	.9618
September	: 1.0371	1.0231	1.0188	1.0051	1.0322	1.0184
October	: 1.0412	1.0615	1.0256	1.0456	1.0372	1.0574
November	: 1.0364	1.0225	1.0239	1.0102	1.0334	1.0195
December	: 1.0113	1.0309	1.0001	1.0196	1.0081	1.0277

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do January 1980 in-area sales of total fluid milk items compare with sales of these items in March 1980? The procedure is as follows:

(1) For January 1980:

- a. divide in-area sales by the January seasonal factor
 $3,088 \div 1.0587 = 2,917$ million pounds
- b. divide by the January 1980 calendar composition factor
 $2,917 \div 1.0098 = 2,889$ million pounds

(2) For March 1980:

- a. divide in-area sales by the March seasonal factor
 $2,993 \div 1.0561 = 2,834$ million pounds
- b. divide by the March 1980 calendar composition factor
 $2,834 \div 0.9817 = 2,887$ million pounds

Comparing the adjusted sales figures for January 1980, 2,889 million pounds, to the adjusted figure for March 1980, 2,887 million pounds, indicated a nearly flat trend in sales between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

* Prepared by John P. Rourke, agricultural marketing specialist, and Betty L. Lyles, statistical assistant, Market Information Branch, Dairy Division, Agricultural Marketing Service, FMOS 243, March 1980 Summary.

MAJOR ORDER ACTIONS, MARCH 1980

Amendments:

Greater Kansas City - March 1 (45 FR 1908). The Director of the Dairy Division is authorized to temporarily increase or decrease the supply plant shipping percentages by up to 20 percentage points if it is determined that additional shipments are needed or that excessive shipments are expected to be made.

Route disposition in the marketing area by a supply plant is no longer counted in the qualifying shipments for pooling such a plant.

Supply plants are now permitted to divert milk to nonpool plants.

Inland Empire - March 1 (45 FR 2639). A distributing plant that was regulated under this order in the preceding month remains regulated or "locked-in" under the order until the fourth consecutive month in which its route disposition in the marketing area of another order is greater than in this order. Even though a distributing plant has more route disposition in this marketing area than in another order's area, it will not be pooled under this order during the months that such plant meets the pooling provisions of the other order.

The limitations on the diversion of producer milk to nonpool plants are increased to 70 percent during the months of September through February, and 80 percent during the months of March through August. In order to be eligible for diversion during the months of September through November, a producer must have at least one day's production physically received at a pool plant during such month.

Several dates for filing reports and making payments are changed:

- report of receipts and utilization changed from the 7th to the 9th,
- payroll report changed from 20th to 22nd,
- supporting statements to producers changed from 17th to 19th
- announcement of uniform price changed from 12th to 14th,
- making payments into producer-settlement fund changed from 14th to 16th,
- making payments out of producer-settlement fund changed from 15th to 18th,
- making final payments to producers for whom a cooperative association is not collecting payments changed from 17th to 19th,
- making final payment to cooperative associations changed from 15th to 18th,
- paying administrative assessment changed from 14th to 16th,
- transferring marketing service deductions to market administrator changed from 14th to 16th, and
- transferring marketing service deductions to cooperative associations changed from 16th to 18th.

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